

8,995' TO TOP HOLE

LATITUDE 39°25'00"

2,413' TO BOTTOM HOLE

LATITUDE 39°25'00"

Antero Resources
Well No. Ed Arnold Unit 1H
Antero Resources Appalachian Corp.

LEGEND

- Surface Owner Boundary Lines +/-
- Interior Surface Tracts +/-
- ⊕ Found monument, as noted

(+) DENOTES LOCATION OF WELL ON U. S. TOPOGRAPHIC MAPS

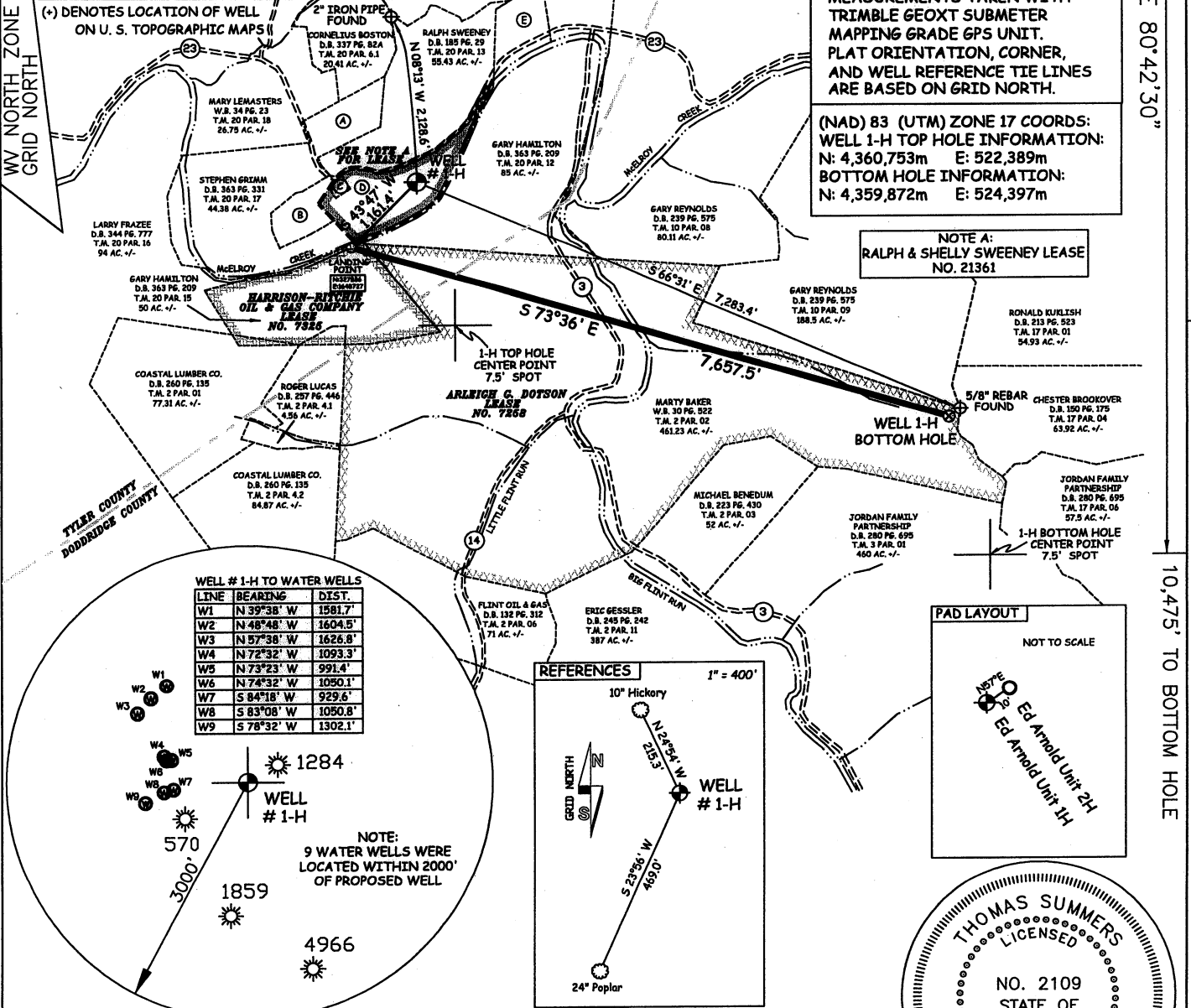
Tyler County Surface Tracts

A	Ralph Sweeney TM 20 PAR 17.1	DB 301 PG 2 12.466 Ac.
B	Mary Lemasters WB 34 PG 23 TM 20 PAR 17.2	8.919 Ac.
C	Forest Moore DB 253 PG 83 TM 20 PAR 14	0.81 Ac.
D	Forest Moore DB 296 PG 134 TM 20 PAR 13.1	26.478 Ac.
E	Daniel Moore DB 296 PG 434 TM 20 PAR 8	20.25 Ac.
F	Olive Sheets DB 164 PG 443 TM 20 PAR 9	18.57 Ac.

NOTES:
WELL 1-H TOP HOLE INFORMATION:
N: 328,724ft E: 1,649,530ft
LAT: 39°23'45.2" LON: 80°44'24.6"
BOTTOM HOLE INFORMATION:
N: 325,723ft E: 1,656,072ft
LAT: 39°23'16.5" LON: 80°43'00.7"
WEST VIRGINIA COORDINATE SYSTEM OF 1927 NORTH ZONE.
ZONE WAS DERIVED FROM MEASUREMENTS TAKEN WITH TRIMBLE GEOXT SUBMETER MAPPING GRADE GPS UNIT. PLAT ORIENTATION, CORNER, AND WELL REFERENCE TIE LINES ARE BASED ON GRID NORTH.

(NAD) 83 (UTM) ZONE 17 COORDS:
WELL 1-H TOP HOLE INFORMATION:
N: 4,360,753m E: 522,389m
BOTTOM HOLE INFORMATION:
N: 4,359,872m E: 524,397m

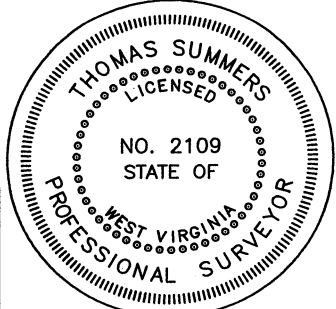
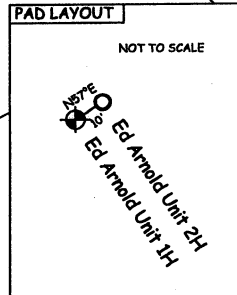
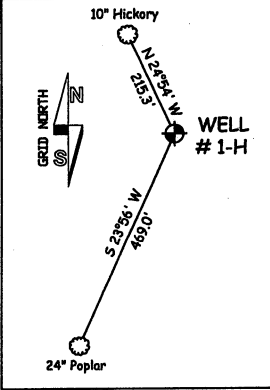
NOTE A:
RALPH & SHELLY SWEENEY LEASE NO. 21361



WELL # 1-H TO WATER WELLS

LINE	BEARING	DIST.
W1	N 39°38' W	1581.7'
W2	N 48°48' W	1604.5'
W3	N 57°38' W	1626.8'
W4	N 72°32' W	1093.3'
W5	N 73°23' W	991.4'
W6	N 74°32' W	1050.1'
W7	S 84°18' W	929.6'
W8	S 83°08' W	1050.8'
W9	S 78°32' W	1302.1'

REFERENCES



JOB # 11-059
DRAWING # EDARNOLDUNIT1H
SCALE 1" = 2000'
MINIMUM DEGREE OF ACCURACY SUBMETER
PROVEN SOURCE OF ELEV. SUBMETER MAPPING GRADE GPS

I THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PERSCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.



STATE OF WEST VIRGINIA, DIVISION OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WILLOW LAND SURVEYING PLLC
266 HUSHERS RUN RD PENNSBORO WEST VIRGINIA 26415

THOMAS SUMMERS P.S. 2109

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY DIVISION OF OIL AND GAS

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
(IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
LOCATION: ELEVATION 749' WATERSHED McELROY CREEK DISTRICT McELROY COUNTY TYLER

QUADRANGLE CENTER POINT 7.5'
SURFACE OWNER FOREST & BRENDA MOORE ACREAGE 26.478 ACRES +/-
OIL & GAS ROYALTY OWNER RALPH T. & SHELLY A. SWEENEY; ARLEIGH G. DOTSON; LEASE ACREAGE 26.478 AC; 461.23 AC; HARRISON-RITCHIE OIL & GAS COMPANY 54 AC

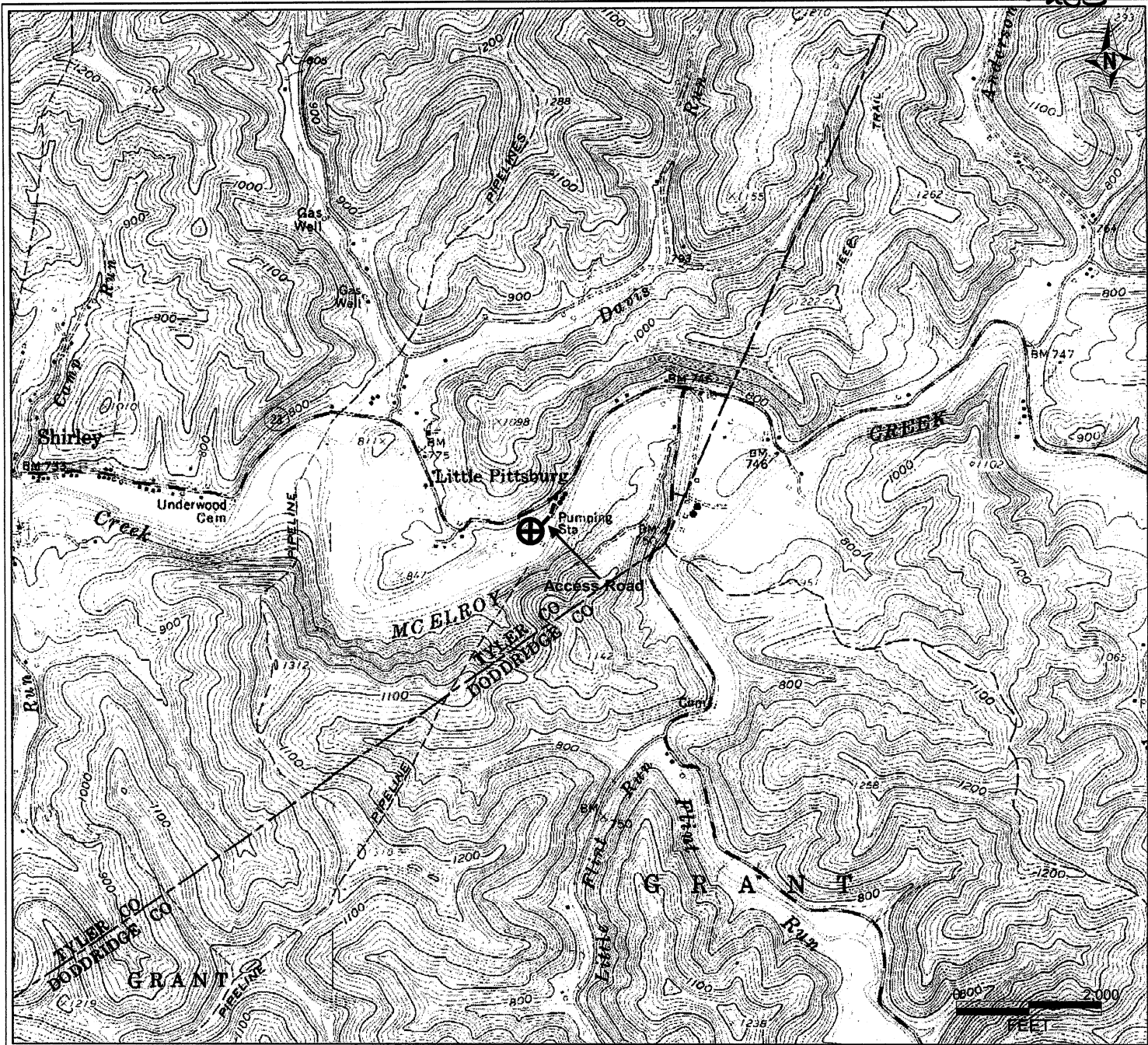
PROPOSED WORK: DRILL CONVERT ___ DRILL DEEPER ___ REDRILL ___ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION

OTHER PHYSICAL CHANGE IN WELL (SPECIFY) PLUG & ABANDON ___ CLEAN OUT & REPLUG ___ ESTIMATED DEPTH 7000' TVD 16,500' MD

TARGET FORMATION MARCELLUS
WELL OPERATOR ANTERO RESOURCES APPALACHIAN CORP. DESIGNATED AGENT DIANNA STAMPER
ADDRESS 1625 17TH STREET DENVER, CO 80202 ADDRESS 5400 D BIG TYLER ROAD CHARLESTON, WV 25313

LEASE # 21361; 7258; 7325

95-02038H



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Antero Resources Corporation
APPALACHIAN BASIN
Ed Arnold Unit 1H Tyler County
<p>0 2,000 4,000 FEET</p>
<p>REMARKS QUADRANGLE: CENTER POINT WATERSHED: MCELROY DISTRICT: MCELROY</p>
Date: 07/28/11